

Application No. 09/757,519

LIST OF THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Previously Presented) A collection of particles comprising metal vanadium oxide, the particles having an average diameter less than about 1 micron.
2. (Original) The collection of particles of claim 1 wherein the particles have an average diameter from about 5 nm to about 100 nm
3. (Original) The collection of particles of claim 1 wherein the particles have an average diameter from about 5 nm to about 50 nm.
- 4-5. (Canceled)
6. (Previously Presented) The collection of particles of claim 1 wherein less than about 1 particle in 10^6 have a diameter greater than about four times the average diameter of the collection of particles.

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7. (Previously Presented) The collection of particles of claim 1 wherein less than about 1 particle in 10^6 have a diameter greater than about two times the average diameter of the collection of particles.

8. (Original) The collection of particles of claim 1 wherein the collection of particles have a distribution of particle sizes such that at least about 95 percent of the particles have a diameter greater than about 40 percent of the average diameter and less than about 160 percent of the average diameter.

9. (Original) The collection of particles of claim 1 wherein the collection of particles have a distribution of particle sizes such that at least about 95 percent of the particles have a diameter greater than about 60 percent of the average diameter and less than about 140 percent of the average diameter.

10. (Previously Presented) A method of producing particles of metal vanadium oxide comprising heating a mixture of vanadium oxide particles with a non-vanadium metal compound, the vanadium oxide particles having an average diameter less than about 1 micron.

11-16. (Canceled)

17. (Previously Presented) A battery comprising a positive electrode having active particles comprising metal vanadium oxide within a binder, the active particles having an average diameter less than about 1 micron.

18-21. (Original)

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22. (Original) The battery of claim 17 wherein the positive electrode further comprises supplementary, electrically conductive particles.
23. (Previously Presented) The battery of claim 17 wherein less than about 1×10^6 active particles in 10^6 have a diameter greater than about four times the average diameter of the collection of active particles.
24. (Previously Presented) The collection of particles of claim 1 wherein the particles have an average diameter less than about 500 nm.
25. (Previously Presented) The method of claim 10 wherein the vanadium oxide particles having an average diameter less than about 500 nm.
26. (Previously Presented) The battery of claim 17 wherein the active particles have an average diameter less than about 500 nm.

Please add the following claims.

27. (New) The collection of particles of claim 1 wherein the metal vanadium oxide is crystalline.
28. (New) The method of claim 10 wherein the metal vanadium oxide is crystalline.
29. (New) The battery of claim 17 wherein the metal vanadium oxide is crystalline.